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Angular 6

Angular Core 01 – 180 minutes

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Version 1.0

You are given the project from the file **todo-app.zip**

The project is a Todo app written in plain JavaScript. You see that the rendering is done by modifying the DOM directly from JavaScript. Your task is to create a new Angular project using the CLI to implement the same functionalities.

# Exercise 01: An Angular App

In this exercise, you have to create a new Angular App using CLI and change **app.component.html** so the UI look like **todo-app**

Expected output:

1. Angular is loaded you can check in your Browser console like figure below
2. Title is displayed correctly

|  |
| --- |
|  |

# Exercise 02: The Component

In your app.component.ts, create a new variables that stored 3 Todo.

Then in template file**,** use **\*ngFor** to render those 3 Todos like figure below:

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| --- |
|  |

# Exercise 03: Add model and Event handler

Use Two-data Binding to bind the HTML input to a model and use **(click)** Event Emitter to bind the click event of button Add in HTML file so that when user click on the Add button:

1. a new Todo is created
2. The newly created Todo is added to the Todo list
3. The text value of input field is clear

Expected output:

|  |
| --- |
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# Exercise 04: Add Delete and Toggle logic to Todo

Your app is almost finished, now you have to use **(click)** to implement Delete logic to Todo App i.e when user click on the Delete button the target Todo is removed from the Todo list

And when user click anywhere in a Todo, that Todo is toggled from Complete to not Complete and vice versa. If a Todo is completed, you have to add the CSS class named `**complete**` to the container div by using **ngClass** directive

Expected output:

|  |
| --- |
|  |